# Texas Education Agency Standard Application System (SAS)

Program authority:	Tit	Title I, Part A, Carl D. Perkins Career and Technical Education Act of						FOR TEA USE ONLY		
	20	2006, Public Law 109-270, Section 112(a)(1)								
Grant Period:	No	ovember 13	, 2017, t	o Augus	st 31, 2018					
Application deadline:	5:6	00 p.m. Cer	tral Tim	e, Septe	mber 26, 2	017	-		lace date st	amp-here
Submittal	Oı	ne original a	ind two	copies o	f the applic	ation, printed on	one side onl	DOCUMENT y all of	7917	TECHNICATION AGENCY
information:	an	d signed by	a perso	on autho	rized to bin	d the applicant t	o a contractu	al 🕌 🗮		S
	ag	reement, m	ust be re	eceived	no later tha	an the aforement	tioned date a		Q P	
	tin	ne at this ac			_			8	25	9
		Docur	nent Co	ntrol Ce	nter, Grants	s Administration	Division	五		=======================================
		ıex	as Educ	ation Ag	jency, 1701 in, TX 7870	North Congress	s Ave.	CONTROL CENTE	2	2 5
Contact information:	Di	ana Calaza							?	27
Contact information.	וטו	ane Salazai		0.000		<u>gov;</u> (512) 936-(	5060	当品	\S	m
			Sche	dule #1	General	Information		20	5	2
Part 1: Applicant Infor	mat	ion			· · ·					
Organization name		County-Di	strict #			Amendment #				
Laredo Independent		240901								
School District										
Vendor ID #		ESC Regi	on#		_					
Medition address.		01								
Mailing address 1702 Houston St.						City		State		Code
						Laredo		TX	7804	0-4951
Primary Contact										
First name			M.I.		name		Title			
Rogelio				Te			Director for Career and Technology Education			
Telephone #						FAX#	FAX#			
956-273-1861 roggarcia(			cia@lare	edoisd.org						
Secondary Contact										
First name			M.I.	.I. Last name Titl		Title				
Scott			Roberts Gra			Grant \	rant Writer/Research Analyst			
Telephone #			Email a				FAX#			
956-273-1268			srobert	s@lared	loisd.org					

I hereby certify that the information contained in this application is, to the best of my knowledge, correct and that the organization named above has authorized me as its representative to obligate this organization in a legally binding contractual agreement. I further certify that any ensuing program and activity will be conducted in accordance with all applicable federal and state laws and regulations, application guidelines and instructions, the general provisions and assurances, debarment and suspension certification, lobbying certification requirements, special provisions and assurances, and the schedules attached as applicable. It is understood by the applicant that this application constitutes an offer and, if accepted by the Agency or renegotiated to acceptance, will form a binding agreement.

### **Authorized Official:**

First name

M.I. Last name

Title

Sylvia

G. Rios

Superintendent of Schools

Telephone #

Email address

FAX#

956-273-1401

sgrios@laredoisd.org

Signature (blue ink preferred)

Date signed

9-22-17

Only the legally responsible party may sign this application.

	Schedule #1—Ger	neral Information
County-district number or vendor ID: 240901		Amendment # (for amendments only):
Part 3: Schedules Required for		itions

An X in the "New" column indicates a required schedule that must be submitted as part of any new application. The applicant must mark the "New" checkbox for each additional schedule submitted to complete the application. For amended applications, the applicant must mark the "Amended" checkbox for each schedule being submitted as part of the amendment.

Schedule		Applicati	on Type
#	Schedule Name	New	Amended
1	General Information		
2	Required Attachments and Provisions and Assurances		N/A
4	Request for Amendment	N/A	$\boxtimes$
5	Program Executive Summary		
6	Program Budget Summary		
7	Payroll Costs (6100)	See	<u> </u>
8	Professional and Contracted Services (6200)	Important	
9	Supplies and Materials (6300)	Note For	
10	Other Operating Costs (6400)	Competitive	<u> </u>
11	Capital Outlay (6600)	Grants*	
12	Demographics and Participants to Be Served with Grant Funds		
13	Needs Assessment		
14	Management Plan		
15	Project Evaluation		<del>                                     </del>
17	Responses to TEA Requirements		<u> </u>
18	Equitable Access and Participation		

<sup>\*</sup>IMPORTANT NOTE FOR COMPETITIVE GRANTS: Schedules #7, #8, #9, #10 and #11 are required schedules if any dollar amount is entered for the corresponding class/object code on Schedule #6—Program Budget Summary. For example, if any dollar amount is budgeted for class/object code 6100 on Schedule #6—Program Budget Summary, then Schedule #7—Payroll Costs (6100) is required. If it is either blank or missing from the application, the application will be disqualified.

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Schedule #2—Required Attachmen	ts and Provisions and Assurances
County-district number or vendor ID: 240901	Amendment # (for amendments only):
Part 1: Required Attachments	

The following table lists the fiscal-related and program-related documents that are required to be submitted with the application (attached to the back of each copy, as an appendix).

#	Applicant Type	Name of Required Fiscal-Related Attachment	
No fis	scal-related attachments are requ	ired for this grant.	
#	Name of Required Program-Related Attachment	Description of Required Program-Related Attachment	
No p	rogram-related attachments are re	equired for this grant.	
Part	2: Acceptance and Compliance		

By marking an X in each of the boxes below, the authorized official who signs Schedule #1—General Information certifies his or her acceptance of and compliance with all of the following guidelines, provisions, and assurances.

Note that provisions and assurances specific to this program are listed separately, in Part 3 of this schedule, and

require a separate certification.

	X	Acceptance and Compliance	
1801.7	×	I certify my acceptance of and compliance with the General and Fiscal Guidelines.	
-		Legrify my acceptance of and compliance with the program guidelines for this grant.	
	X	Lightify my acceptance of and compliance with all General Provisions and Assurances requirements.	
		I certify that I am not debarred or suspended. I also certify my acceptance of and compliance with all Debarment and Suspension Certification requirements.	

Programme and the second secon	or TEA Use Only	
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Schedule #2—Required Attachments and	Provisions and Assurances
County-district number or vendor ID: 240901	Amendment # (for amendments only):
Part 3: Program-Specific Provisions and Assurances	The transfer of the second

I certify my acceptance of and compliance with all program-specific provisions and assurances listed below.

	Totally my acceptance of and companies and acceptance and acceptan
#	Provision/Assurance
1.	The applicant provides assurance that program funds will supplement (increase the level of service), and not supplant (replace) state mandates, State Board of Education rules, and activities previously conducted with state or local funds. The applicant provides assurance that state or local funds may not be decreased or diverted for other purposes merely because of the availability of these funds. The applicant provides assurance that program services and activities to be funded from this grant will be supplementary to existing services and activities and will not be used for any services or activities required by state law, State Board of Education rules, or local policy.
2.	The applicant provides assurance that the application does not contain any information that would be protected by the Family Educational Rights and Privacy Act (FERPA) from general release to the public.
3.	The applicant provides assurances that they will continue to meet all Statutory Requirements as outlined in their 2017–2018 Perkins Formula Grant incorporated by reference.
4.	The applicant assures that its ability is to meet the 20% match requirement.
5.	Applicants applying for Focus Area 1, 2, or 3 provide assurance that the curriculum they develop will be appropriately aligned to marketable skills in the identified high-demand occupations. It may include industry recognized credentialing as part of the degree plan.
6.	Applicants applying for Focus Area 1, 2, or 3 provide assurance that the development and implementation of industry experiences, including mentorship programs, internships, externships, and/or apprenticeship, will expose students to applied learning and real-world work activities in the identified high-demand occupation(s).
7.	Applicants applying for Focus Area 1, 2, or 3 provide assurance that, within 90 days of the grant start, awarded applicants will submit a Memorandum of Understanding (MOU) detailing the relationship between the dual credit partner, the LEA, and business and industry partner(s).

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exas Education Agency	Statidard Application System (6,15)
Schedule #5—Program Executive	
County-district number or vendor ID: 240901 Provide a brief overview of the program you plan to deliver. Refer to the in elements of the summary. Response is limited to space provided, front side.	de only, font size no smaller than 10 point Arial.
Indicate the Focus Area for which you are applying. Only one Focus Area two applications per LEA (see Program Guidelines pages 8 and 11 for reach of the Focus Areas).	a may be selected per application, limit of
Focus Area 1: Pathway Hubs, Rural Schools	
☐ Focus Area 2: Pathway Hubs, Career Center Partnerships	
☐ Focus Area 3: CTE Career Cluster	
☐ Focus Area 4: Testing Site/Licensed Instructor	
Laredo, Texas is linked geographically/culturally with Mexico, located border regions (Webb County) and is positioned over 150 miles from the one of the ten poorest counties in the state. Laredo ISD is an inner city k serving over 24,166 students from severely impoverished homes (94,3% Spanish as their first language youth (59.6% ELL), and (73.5% At-Risk) Performance Report. As the 2011 census poverty data indicates, 12,32 incomes below poverty line. 93.82% of children receive free/reduced lunc on this data there is a strong need to provide students with career clustetechnologies, labor market, career information and innovative practices to identified high-demand, high wage occupations that are in desperate need in a comprehensive effort to improve and achieve foundational elent and technical education courses or programs in a high-demand occu (Laredo ISD) Career and Technical Education Program has opted to imgrowth, high-demand and emerging occupations creating Career and Instructor in Electrical and Welding Trades for the Career Cluster Path local economies under Focus Area 4.  This development strategy is aligned to the marketable skills as ide Texas Accountability Intervention System (TAIS), state standards, dimprovement initiatives, program-specific provisions, assurances, and s ISD Leadership Team has identified accelerated achievement and cre Site/Licensed Instructor as critical to the state, regional, and local econor an organizational culture that is open, collaborative, and supportive of instand career goals in Electrical and Welding Trades.  Increasing teacher effectiveness in industry standards in Electrica capacity and incorporating resources to achieve higher student expectatusing resources allocated and applying the targeted funding to addrest Testing Site/Licensed Instructor opportunities that are critical to the state Laredo ISD's Career and Technical Education Program recently incolliperint Benchmarks into the Career Cluster Pathways that are critical to the state. Program recently incolliperi	e nearest urban area where our students live in K-12 district in the heart of Webb County, Texas & economically disadvantaged), is impacted by according to the 2016-2016 Texas Academic 23 or 56.69% of children are from families with the are at Laredo ISD high need schools. Based in resources and provide their schools access to that are key to the students career pathways to do in our community. In the laredo Indpendent School District in plement and develop strategies to target high-ind Technical Education Testing Site/Licensed in the laredo Indpendent School District in plement and develop strategies to target high-ind Technical Education Testing Site/Licensed in the laredo in the state, regional, and intentified in our areas high-demand occupations, district goals, instructional pedagogies, school statutory requirements. In addition, the Laredo eating Career and Technical Education Testing mies as key elements to impacting and creating spiring young minds to achieve their educational and Welding Trades and expanding teacher and local economies under Focus Area 4. Forporated the Texas Early College High School ical to the state, regional, and local economies upportunity for more rigorous and accelerated that, and industry career clusters by including and industry career clusters by including a

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### Schedule #5—Program Executive Summary (cont.)

County-district number or vendor ID: 240901

Amendment # (for amendments only):

Provide a brief overview of the program you plan to deliver. Refer to the instructions for a description of the requested elements of the summary. Response is limited to space provided, front side only, font size no smaller than 10 point Arial.

Highlights from the Laredo ISD Career and Technical Education Program strategic implementation of Testing Site/Licensed Instructor under Focus Area 4 have been identified several planned strategies that include:

- <u>Data-driven Decision Making</u>: by enrolling and prepareing students for occupations in areas that offer high wages, high skills, and are in high demand that are critical to the state, regional, and local economies based on local regional, and state workforce and industry cluster data. Using quality data to identify and implement an instructional vision that is research-based, vertically aligned establishes and strengthens community partnerships by creating a Testing Site/Licensed Instructor under Focus Area 4 in Electrical and Welding Trades as well as aligning with district, college academic standards, and occupations in areas that offer high wages, high skills, and are in high demand. The data collected will assess the effect of the implementation on teacher effectiveness, and allow for continuous program improvement and sustainability.
- Fostering and Strengthening Innovation: addressing subpopulations, college and career readiness, school culture, and school climate through a flexible indentification and promotion of practices and strategies for promising Career Technical Education Programs that prepare students for nontradoitional fields.
- <u>Improvement of Instructional Opportunities:</u> increasing the total number of workforce, industry certifications, and other credentials of high-quality value earned through an increased focus on student support services that leads to increased attendance and academic performance.

During the Implementation, the Career Technical Education Program and School Leadership Team will use Perkins Reserve funds to:

- (a) Supplement current funding by increasing the level of services and increasing activities that provide additional opportunities for our teacher sto get certification and become Testing Site/Licensed Instructor in order to provide students the opportunity to become certified in high-demand occupations in key local and regional industry clusters. Increasing teacher effectiveness in industry standards and expanding teacher capacity and incorporating resources to achieve higher student expectations;
- (b) Promote continuous use of student data to innovate and expand the Testing Site/Licensed Instructor that are critical to the state, regional, and local economies under Focus Area 4 in Electrical and Welding Trades;
- (c) Increase learning time and creating community-oriented schools that compliment the development and implementation of experiences in high demand, high wage industries including: schedules and strategies that provide increased learning time:
- (d) Provide ongoing mechanisms for family and community engagement while providing operational flexibility and sustained support that integrates technology-based supports/interventions as an integral part of the Career Technical Education Program; and
- (e) Provide additional supports and professional development to teachers that implement effective strategies to support students with disabilities in the least restrictive environment and ensures limited English proficient students acquire language skills to master academic content.

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	Schedule #6	-Program	<b>Budget Sur</b>	nmary		
County-district	number or vendor ID: 240901			Amendment # (for	amendments o	nly):
Program autho	rity: Title I, Carl D. Perkins Career a	nd Technical	Education A	Act of 2006, P. L.	109-270, Sec. 1	12 (a)(1)
Grant period: N	lovember 13, 2017, to August 31, 20	)18	Fund code	: 244		
Budget Summ	ary			TK.	1 - 8 051	
Schedule #	Title	Class/ Object Code	Program Cost	Admin Cost	Total Budgeted Cost	Match
Schedule #7	Payroll Costs (6100)	6100	\$0	\$	\$0	\$0
Schedule #8	Professional and Contracted Services (6200)	6200	\$10,000	\$	\$10,000	\$5,00
Schedule #9	Supplies and Materials (6300)	6300	\$0	\$	\$0	\$0
Schedule #10	Other Operating Costs (6400)	6400	\$0	\$	\$0	\$2,000
Schedule #11	Capital Outlay (6600)	6600	\$0	\$	\$0	\$0
Grand total of t	oudgeted costs (add all entries in ea	ch column):	\$10,000	\$	\$10,000	\$2,000
	Admini	strative Cos	t Calculation	on		
Enter the total	grant amount requested:				\$10,0	00
Percentage lim	it on administrative costs established	d for the prog	gram (5%):		0. ×	5
	und down to the nearest whole dolla			direct costs:	\$50	0

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	Schedule #7—P	ayroll Costs (6100)			
Cour	nty-district number or vendor ID: 240901		dment # (for a	mendments or	ıly):
	Employee Position Title	Estimated # of Positions 100% Grant Funded	Estimated # of Positions <100% Grant Funded	Grant Amount Budgeted	Match
Acad	demic/Instructional		Page 200		
1	(1) 10 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)				C C
2	Educational aide			\$	\$ \$
3	Tutor			2	Φ
Prog	gram Management and Administration				•
4	Project director			\$	\$
5	Project coordinator			\$	\$
6	Teacher facilitator			\$	\$
7	Teacher supervisor			\$	\$
8	Secretary/administrative assistant			\$	\$
9	Data entry clerk			\$	\$
10	Grant accountant/bookkeeper			\$	\$
11	Evaluator/evaluation specialist			Ф	<b>Ψ</b>
Aux	iliary				•
12	Counselor			\$	\$
13	Social worker			\$	\$
14	Community liaison/parent coordinator			2 Dec 20 2 Total of Sales	<b>a</b>
Edu	cation Service Center (to be completed by ESC or	nly when ESC is the a	pplicant)		
15			ļ		
16				2	
17					
18					
19					
20	THE EXPLORED PROPERTY OF THE P	ENGLISHE LABORATORS			
Oth	er Employee Positions			New York to Victoria	1 6
21	Title		-	\$	\$
22	Title		-	\$	\$
23	Title			\$	\$
24		Subtotal en	nployee costs:	\$	\$
	ostitute, Extra-Duty Pay, Benefits Costs				
25	6112   Substitute pay		V	\$	\$
26	6119 Professional staff extra-duty pay		s	\$	\$
27	6121 Support staff extra-duty pay			\$	\$
28	6140 Employee benefits			\$	\$
29	61XX Tuition remission (IHEs only)			\$	\$
30		l substitute, extra-duty,	benefits costs	\$0	\$0
31	Grand total (Subtotal employee costs plus subt		THE RESERVE TO SHARE SHA	\$0	\$0

For budgeting assistance, see the Allowable Cost and Budgeting Guidance section of the Grants Administration Division

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SWA	dia	Schedule #8—Professional and Contracted Services (620)	0)	
Cou	ntv.	district number or yendor ID: 240901 Amendment #	(for amendments o	only):
NOT	E.	Specifying an individual vendor in a grant application does not meet the applicable	requirements for s	ole-source
ргоу	ide	rs. TEA's approval of such grant applications does not constitute approval of a sole	-source provider.	
	0	Professional and Contracted Services Requiring Specific App	roval	
		Expense Item Description	Grant Amount Budgeted	Match
		Rental or lease of buildings, space in buildings, or land		
626	Specify purpose:		\$	\$
	a.	Subtotal of professional and contracted services (6200) costs requiring specific approval:	\$	\$
99	18X=	Professional and Contracted Services		
#		Description of Service and Purpose	Grant Amount Budgeted	Match
1	To	esting Site/Instructor Certification for Career Cluster Certifications in Construction rades: Electrical and Welding.	\$10,000	\$0
2		ades. Electrical and Wording.	\$	\$
3			\$	\$
4			\$	\$
5			\$	\$
6			\$	\$
7			\$	\$
8			\$	\$
9			\$	\$
10			\$	\$
11			\$	\$
12			\$	\$
13			\$	\$
14			\$	
	b.		\$	\$
	c.	Remaining 6200—Professional and contracted services that do not require specific approval:	\$10,000	\$0
		(Sum of lines a, b, and c) Grand to	tal \$10,000	\$0

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	Schedule #9—Supplies and Materials (6300)		
County	y-District Number or Vendor ID: 240901 Amendment number (for	amendments	only):
	Supplies and Materials Requiring Specific Approval	-	
		Grant Amount Budgeted	Match
6300	Total supplies and materials that do not require specific approval:	\$0	\$0
	Grand total:	\$0	\$0

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County	y-District Number or Vendor ID: 240901	Amendment number (for	: amendments (	only):
Ooung	Expense Item Description B		Grant Amount Budgeted	Match
6413	Stipends for non-employees other than those included in 6419		\$	\$
6419	Non-employee costs for conferences. Requires pre-autho	rization in writing.	\$	\$
	Subtotal other operating costs	requiring specific approval:	\$	\$
	Remaining 6400—Other operating costs that do no	t require specific approval:	\$0	\$2,000
		Grand total:	\$0	\$2,000

In-state travel for employees does not require specific approval.

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Cour	nty-District Number or Vendor ID: 240901	Ame	endment numbe	r (for amendmer	nts only):
#	Description and Purpose	Quantity	Unit Cost	Grant Amount Budgeted	Match
	Library Books and Media (capitalized and co				
1		N/A	N/A	\$	\$
66XX	C—Computing Devices, capitalized				
2			\$	\$	\$
3			\$	\$	\$
4			\$	\$	\$
5			\$	\$	\$
6			\$	\$	\$
7			\$	\$	\$
8			\$	\$	\$
9			\$	\$	\$
10			\$	\$	\$
11			\$	\$	\$
	(—Software, capitalized				
12			\$	\$	\$
13			\$	S	\$
14			\$	\$	\$
15			\$	\$	\$
16			\$	\$	\$
17			\$	\$	\$
18			\$	\$	\$
KX88	(—Equipment, furniture, or vehicles				7
19			\$	\$	\$
20			5	\$	\$
21			\$	\$	\$
22			\$	\$	\$
23			\$	\$	\$
24			\$	\$	\$
25			\$	\$	\$
26			\$	\$	\$
27			\$	\$	\$
28			S	S	S
6XX	—Capital expenditures for additions, improver ase their value or useful life (not ordinary repa	ments, or modifications	tions to capital	assets that ma	terially
29	and the state of about me thor ordinary repa	me and mannengh	ce)	\$	\$
				- AD (	AIII

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NAME OF		S	chedu	ile #12	—Den	nogra	phics a	ınd Pa	rticipan	ts to B	e Serv	ed with	Grant I	Fund	s and a second
Part 1: for the add a c	populati descripti	nt/Tea ion to on of	be se	Demo rved b ata no	<b>graph</b> i y this g t speci	i <b>cs of</b> grant p fically	rogran reques	n. If dai ted tha	ta is not it is impo	availab ortant to	Vith Gr le, enter under	rant Fun er DNA.	ds. Ent Use the the po	er the	dments only): e data requested iment section to ion to be served by
Studer	nt Categ	jory	Stu	dent N	lumbe	r   S	tudent	Perce	ntage				Comm	ent	
Economically disadvantaged 1541				9.	8.2%				016 Tex s Perfor		nic Perfor	mance	Report (TAPR),		
	I English ent (LEP		491			3	1.3%			Campu	s Perfor	mance			Report (TAPR),
Attendance rate			N/	4	9	95.7%				016 Tex is Perfor		nic Perfor	mance	Report (TAPR),	
Annual dropout rate (Gr 9-12)				N	4	2	2.2%			2015-2016 Texas Academic Performance Report (TAPR), Campus Performance					Report (TAPR),
Teacher Category Teacher			cher l	Numbe	r T	Teacher Percentage			Comment						
1-5 Years Exp.			22.1	1		2	1.1%			2015-2016 Texas Academic Performance Report (TAPR), Campus Performance					
6-10 Y	ears Exp	p.	27.9	€		2	26.6%			2015-2016 Texas Academic Performance Report (TAPR), Campus Performance					
11-20`	Years E	xp.	26.2	2		2	25%			2015-2016 Texas Academic Performance Report (TAPR), Campus Performance					
20+ Ye	ears Exp	).	26.4	1		2	25.2%			2015-2016 Texas Academic Performance Report (TAPR), Campus Performance					
No deg	gree		1.2			1	.2%			2015-2016 Texas Academic Performance Report (TAPR), Campus Performance					
Bachel	or's Deg	ree	82.7	7		7	8.8%			2015-2016 Texas Academic Performance Report (TAPR), Campus Performance					
Master	's Degre	ee	20.1	1		1	9.1%			2015-2016 Texas Academic Performance Report (TAPR), Campus Performance					
Doctor	ate		1			.9	9%			2015-2016 Texas Academic Performance Report (TAPR), Campus Performance				Report (TAPR),	
	Studer project								nds. En				ents in	each	grade, by type of
Schoo	I Type:		Public		Open-E	nrollm	ent Cha	rter	☐ Priv	ate Nonprofit  Private For Profit  Public Institu			☐ Public Institution		
				,				Stu	ıdents		,				
PK	к	1	2	3	4	5	6	7	8	9	10	11	12		Total

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**Teachers** 

Total

### Schedule #13—Needs Assessment

County-district number or vendor ID: 240901

Amendment # (for amendments only):

Part 1: Process Description. A needs assessment is a systematic process for identifying and prioritizing needs, with "need" defined as the difference between current achievement and desired outcome or required accomplishment. Describe your needs assessment process, including a description of how needs are prioritized. If this application is for a district level grant that will only serve specific campuses, list the name of the campus(es) to be served and why they were selected. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

The Laredo ISD Leadership Team has identified the urgent need for systemic change that will build organizational capacity and create greater operational flexibility and opportunities for sustained strategies to target high-growth, highdemand and emerging occupations by becoming a Testing Site with a Licensed Instructor in Electrical and Welding Trades. This Comprehensiuve Needs Assessment (CNA) provides highlights of Laredo ISD's background information, key areas for targeted growth in providing a Testing Site/Licensed Instructor under Focus Area 4, and a summary of the proposed opportunities for our students pathway to obtain certification in a high-demand, high wage occupation in this key state, regional, and local industry career cluster.

The Leadership Team has performed a data analysis in order to develop the comprehensive needs assessment (CNA). The CNA is conducted with all stakeholder input and is incorporated into the Campus Improvement Planning;

the following points illustrate the process and findings of the CNA.

The program objectives include identified critical success factors (CSF's) to create situational awareness in key areas for targeted growth in creating a Testing Site/Licensed Instructor under Focus Area 4. These are the foundational core of the Texas Accountability Intervention System (TAIS) developed by TEA. The CSF's are grounded in evidencebased research that include: (1) Improving Academic Performance; (2) Increasing the Use of Quality Data to Drive Instruction; (3) Increasing Leadership Effectiveness; (4) Increasing Learning Time; (5) Increasing Parent/Stakeholder Involvement; (6) Improving School Climate; and (7) Increasing Teacher Quality.

Key areas for targeted growth in preparing to become a Testing Site with a Licensed Instructor under Focus Area 4 identified in the CNA Career Cluster Pathways indicated a strong need for occupations in Electrical (47-2110) and Welding (47-2152) as high demand, high wage occupations in a Career Cluster that has is very well defined and articulated leading to certification or postsecondary degree programs. The Career Clusters that this funding will target include the following: Occupation SOC code Electrician (47-2110), Welders, Cutters, Solderers, and Brazers (47-2152), and Structural Iron and Steel Workers (47-2220).

### Objective:

Provide a Testing Site with a Licensed Instructor for the Electrical and Wleding Welding Career Clusters thereby providing teachers the opportunity to become instructor certified and provide students the opportunity to have a testing site on campus that allows them to receive their certification along with their dual-credits courses granting a seamless transition to externships/internships, and a seamless transition platform from secondary to postsecondary degree options under Focus Area 4.

### **Career Cluster Pathway**

High School Course	College Credit	Certification
Principles of Manufacturing (Articulated)	WLDG 1425 Intro to Oxy-Fuel Welding &	Welding Certificate
	Cutting	0.15
Precision Metal Manufacturing I	WLDG 1428 Intro to SMAW	Welding Certificate
(Articulated)		MALE A CARGONIA
Advanced Precision Metal	WLDG 1407 Intro Welding using Multiple	Welding Certificate
Manufacturing II	Processes	
Metal Fabrication and Machining I	WLDG 1417 Intro to Layout and Fabrication	Welding Certificate
Electrical Technology I	ELPT 1321 Intro to Electrical Safety & Tools	Electrician Helper 1 Certificate
Electrical Technology I	ELPT 1325 National Electrical Code	Electrician Helper 1 Certificate
AC/DC Electronics	ELPT 1311 Basic Electrical Theory	Electrician Helper 1 Certificate
Construction Technology I	RBPT 2345 Onsite Power Generation &	Electrician Helper 1 Certificate
	Renewable Energy	
Construction Technology II	ELPT 1429 Residential Wiring	Electrician Helper 1 Certificate

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### Schedule #13—Needs Assessment (cont.)

County-district number or vendor ID: 240901

Amendment # (for amendments only):

Part 2: Alignment with Grant Goals and Objectives. List your top three to five needs, in rank order of assigned priority. Describe how those needs would be effectively addressed by implementation of this grant program. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Identified Need	How Implemented Grant Program Would Address
Increase Career Cluster Pathways Certification	Increase Career Cluster Pathway certification by becoming a testing site with certified training instructor in high-demand, high wage occupations in Electrical and Welding Trades.
Increase Teacher Quality and Leadership Effectiveness	By teachers receiving ceretifications to become testing site instructors and enhancing the quality of instruction in Electrical and Welding Trades.
Increase Use of Quality Data to Inform Instruction	Use data to identify and implement the Testing Site program that is:  (A) Research-based; (B) Developmentally appropriate; and (C) Promotes academic content across a range of development.
Improve the Instructional Program to Support Student training and employment opportunities	Promote opportunities through expanded internships/externships, community service opportunities, and meangful employment opportunities for vocational training in high-growth, high-demand and emerging occupations in Electrical and Welding.
Increase Learning Time and School Climate	Use advanced technology and hands-on immersion experiences and data to enhance cooperative learning integrating related topics promoting certification in Electrical and Welding Trades while increasing teacher/student accountability.
	Increase Career Cluster Pathways Certification  Increase Teacher Quality and Leadership Effectiveness  Increase Use of Quality Data to Inform Instruction  Improve the Instructional Program to Support Student training and employment opportunities

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### Schedule #14--Management Plan

County-district number or vendor ID: 240901

Amendment # (for amendments only):

Part 1: Staff Qualifications. List the titles of the primary project personnel and any external consultants projected to be involved in the implementation and delivery of the program, along with desired qualifications, experience, and any requested certifications. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

#	Title	Desired Qualifications, Experience, Certifications
1.	Assistant Superintendent for Curriculum and Instruction	Requires 20+ years experience in an educational setting with administrative experience of 10+ years, Certified in Educational Administration with a strong curriculum based background.
2.	Director for Secondary Education	Requires 20+ years experience in an educational setting with administrative experience of 10+ years, Certified in Educational Administration with a strong background in providing program Management/Administration, Performance Evaluation and Reporting.
3.	Director for Career Technology Education	Requires 20+ years experience in an educational setting with administrative experience of 10+ years, Certified in Educational Administration with a strong career technology education curriculum based background.
4.	Deans/Instructional Specialists	Requires 10+ years experience in an educational setting with some administrative experience, Certified in education, some educational administration or related field with a strong background in benchmark testing, assessment result evaluation, planning of professional development sessions necessary to carryout program intent and overall program evaluation.
5.	Human Resources Specialist/Coordinator	Requires 15+ years experience in an educational setting with administrative experience of 5+ years in Human Resource Management, Certified in Educational Administration or related field with a strong Human Resource background necessary to carryout personnel planning and staffing formulas.
6.	Career Pathway – Construction Trades Teachers	Requires 0 - 10+ years experience in an educational setting with teaching and some administrative experience in program design and implementation, Certified in education, some educational administration or related field with a strong background in certification testing, assessment result evaluation, planning of necessary to carryout program intent and overall program evaluation.

Part 2: Milestones and Timeline. Summarize the major objectives of the planned project, along with defined milestones and projected timelines. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

#	Objective	Milestone		Begin Activity	End Activity	
		1.	Create Testing Site with a Licensed Instructor in Electrical and Welding Trades	11/13/2017	08/31/2018	
		2.	Apply and use existing campus resources, such as instructional equipment, hardware and/or software, to support the program.	11/13/2017	08/31/2018	
	Improve Instructional Quality and Delivery	3.	Lesson Plans are aligned to curriculum to improve student achievement and acquire certification.	11/13/2017	08/31/2018	
		4.	Increase the number of students receiving Electrical and Welding Certification.	11/13/2017	08/31/2018	
		5.	Enhance and expand opportunity for internships/externships	11/13/2017	08/31/2018	
2.	Increase Teacher Quality	1.	Enhance relationships with regional, local colleges and universities, such as Texas A&M International University, Laredo Community College to increase participation in certification programs, college and career readiness	11/13/2017	08/31/2018	

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### Schedule #14—Management Plan (cont.)

County-district number or vendor ID: 240901

Amendment # (for amendments only):

Part 3: Feedback and Continuous Improvement. Describe the process and procedures your organization currently has in place for monitoring the attainment of goals and objectives. Include a description of how the plan for attaining goals and objectives is adjusted when necessary and how changes are communicated to administrative staff, teachers, students, parents, and members of the community. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Implement structures and processes to solicit feedback and monitor the program progress on an on-going basis. These efforts will continue beyond the program funding period because the school leadership teams based its initiatives and decisions using Labor Market and Career Information on high-demand occupations identified by the Local Workforce Development Boards as a Board Area Target Occupation List. The feedback and continuous improvement plan consists of concepts and skills associated with high-growth, high-demand and emerging occupations in Career Clusters under Focus Area 4 in our offered Career Cluster Pathways and will increase the opportunity to develop a Testing Site with a Licensed Instructor in Electrical and Welding Trades as part of Focus Area 4.

The Testing Site with a Licensed Instructor in Electrical and Welding Trades as part of Focus Area 4 included using Labor Market and Career Information on high-demand occupations identified by the Local Workforce Development Boards as a Board Area Target Occupation List of related careers. The feedback and a continuous improvement plan includes activities to ensure each Critical Success Factor milestone is met and are part of a value-added evaluation process.

The milestones for each CSF are tied to a continuous feedback and improvement model that include, but are not limited to, a) Ensuring the product/service Testing Site with a Licensed Instructor in Electrical and Welding Trades is research-based; b) Ensuring the Career Clusters under Focus Area 4 is aligned to federal/state/local laws, policies, and standards; c) Provides formative, interim, and progress monitoring assessment components contained within product/service, as relevant; d) Provides intensive assistance and related teacher supports that are built-in components of product/service; and f) Have provision for appropriate professional development interventions, business/community partnerships and supports for teachers.

Additionally, The feedback and continuous improvement plan will provide for the identification and corrective actions to address deficiencies that ensure continual improvement based on proposed versus actual implementation associated with the Testing Site with a Licensed Instructor in Electrical and Welding Trades impacting high-growth, high-demand and emerging occupations in the Career Clusters under Focus Area 4.

Part 4: Sustainability and Commitment. Describe any ongoing, existing efforts that are similar or related to the planned project. How will you coordinate efforts to maximize effectiveness of grant funds? How will you ensure that all project participants remain committed to the project's success? Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

The Testing Site with a Licensed Instructor in Electrical and Welding Trades will proivide the capacity to sustain the program under Focus Area 4 after the grant funding period ends. In order to do so, the Career Technical Education program along with the Sabas Perez School for Engineering, School Leadership Team, educational and industry partners will align district funding and initiatives to support the Testing Site initiatives that provides an even greater opportunity for our Licensed Instructors to engage students in transition from secondary to postsecondary educational programs.

Program funds will supplement and not supplant state mandates, rules or activities previously conducted with state and local funds. State Compensatory, Title I, and Local Funds will be used in conjunction with this program to maximize the use of funds through fund coordination and resources in order to ensure cost effectiveness. The district central office administration will identify how other resources (federal, state, local, and private) will be utilized to coordinate services to support and sustain the program. The funds will be expended on the Testing Site with a Licensed Instructor in Electrical and Welding Trades under Focus Area 4 strategies to support the improvement of teacher quality and student preparedness, teacher instructional delivery and teacher content competency, and student post secondary readiness.

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#### Schedule #15—Project Evaluation Amendment # (for amendments only): County-district number or vendor ID: 240901 Part 1: Evaluation Design. List the methods and processes you will use on an ongoing basis to examine the effectiveness of project strategies, including the indicators of program accomplishment that are associated with each. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point. **Associated Indicator of Accomplishment** # **Evaluation Method/Process** Initiatives and decisions based on research and scientifically relevant data. Implement structures and Activities for continuous improvement to ensure each Critical Success processes to solicit feedback 2. Factor milestone is met and are part of the value-added evaluation process. and monitor the program 1. The milestones for each CSF are tied to a continuous feedback and progress on an on-going improvement. basis Compile and disaggregate data by implementing evaluation strategies such Identify and correct program as using the Performance Effectiveness Report to identify and correct deficiencies to ensure continual improvement 2. Descriptive information on proposed versus actual implementation. 2. Evaluating and Identifying additional program needs to ensure continual 3. improvement. Identify and implement teacher advanced training and certification 1. increase the number of Work with community/business partners to create a on-site certification teachers receiving advanced program targeting Testing Site with a Licensed Instructor in Electrical and training and certification 3. Welding Trades under Focus Area 4. Increases in the number of teacher with advanced training and instructor 3. Number of Instructors employed or receiving Professional Development in Identify and implement 1. Electrical and Welding Trades. increased Increased number of local and regional business partnerships in Electrical interships/externships with 4.

Part 2: Data Collection and Problem Correction. Describe the processes for collecting data that are included in the evaluation design, including program-level data such as program activities and the number of participants served, and student-level academic data, including achievement results and attendance data. How are problems with project delivery to be identified and corrected throughout the project? Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Evaluate and Identifying additional needs to ensure continual partnerships.

and Welding Trades.

3.

Teachers will receive support from the Career Technical Education Program and school leadership team in disaggregation of data that will be broken down by objective, teacher, and students demographics. Data disaggregation will also take place by allowing for compiling and disaggregating data by implementing evaluation strategies such as using the Performance Effectiveness Report to identify and correct program deficiencies.

The information will be submitted to the proper individuals so that the school leadership team has access to the data to guide the program implementation in developing the testing site and ensuring all teachers receive the proper program certification necessary to carry out the program intent and for modifying or improving the program as a result of on-going evaluation of certification testing implemented that meet the program goals and performance objectives. Career and Technical Education Program has opted to implement and develop data driven strategies to target high-growth, high-demand and emerging occupations creating a testing site for Career Cluster Paythways that are critical to the state, regional, and local economies under Focus Area 4 in Electrical and Welding Trades.

This program strategy is aligned to the our areas high-demand occupations, state standards, district goals, instructional pedagogies, school improvement initiatives, program-specific provisions, assurances, program, and statutory requirements. Problems with program structure and delivery will be identified and corrected throughout the program using formative, interim, and summative assessments along with the Performance Effectiveness Report data results.

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County-district number or vendor ID: 240901

Amendment # (for amendments only):

**TEA Program Requirement 1:** Explain how the project identified the high-demand occupations and their related programs of study in partnership with the local workforce development board. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Applicants applying for Focus Areas 1, 2, or 3 must address this question.

The Career Technical Education Program searched the local, regional, and state occupational trends data from texascareercheck.com to identify current high-demand occupations and their related programs of study in partnership with the local workforce development board and Laredo Community College to formulate and create the planned Testing Site for our Career Cluster Pathways under Focus Area 4 in Electrical and Welding Trades. Career and Technical Education Program has opted to implement and develop the Testing Site increasing teacher effectiveness in industry standards in Electrical and Welding Trades and expanding teacher capacity and incorporating resources to achieve higher student expectations that are a key part of our core strategy using resources allocated and applying the targeted funding to address specific rigorous, transparent, and equitable Testing Site/Licensed Instructor opportunities that are critical to the state and local economies under Focus Area 4 in Electrical and Welding Trades.

This Testing Site/Licensed Instructor development strategy under Focus Area 4 is aligned to the marketable skills as identified by our partnership with the local workforce development board and Laredo Community College addressing areas of our local high-demand occupations. In addition, the Career Technical Education Program has had a strong partnership with our local workforce development board for a number of years now participating in their Teacher Externship program that has provided additional opportunities to engage our teachers in hands-on professional development opportunites working with our local business community in occupations relevant to the teachers Career Technical Education courses taught. This partnership has strengthened our coordinated efforts to provide our students the opportunity to prepare for and seek out regional, and local high-demand, high wage occupations.

These innovative practices allows for the application of the Critical Success Factors that are grounded in evidence-based research enhancing students acquisition of academic, technical skills, and acquiring knowledge in their chosen Career Cluster Pathway including: (1) Improving Academic Performance; (2) Increasing the Use of Quality Data to Drive Instruction; (3) Increasing Leadership Effectiveness; (4) Increasing Learning Time; (5) Increasing Parent/Stakeholder Involvement; (6) Improving School Climate; and (7) Increasing Teacher Quality.

The results of our comprehensive effort to create a student centered learning environment has provided increased opportunities to enhance our current programs of study linking specific career cluster resources with district efforts to implement, expand, and sustain our commitment to coordinating and building upon current partnerships with Laredo Community College (LCC), and other key community and business partnerships that support building capacity for implementing a sustained Career and Technical Education Program under Focus Area 4 that target our state, regional, and local high-demand, high wage occupations in Electrical and Welding Trades.

The Testing Site/Licensed Instructor development strategy under Focus Area 4 is designed to improve student outcomes by providing more real world and cutting edge educational/technical opportunities through this new and enhanced Career Cluster Pathway that will excite and engage students in deeper learning. Laredo ISD ensures that all courses that are part of the Testing Site/Licensed Instructor development strategy under Focus Area 4 substantially contribute to certificate or degree programs. Laredo ISD will also provide work-based learning opportunities for students that will help them connect what they are learning in the classroom with the workplace.

The Career Clusters Testing Site/Licensed Instructor that this funding will target include the following:

Occupation SOC code

Electrician (47-2110)
Welders, Cutters, Solderers, and Brazers (47-2152)
Structural Iron and Steel Workers (47-2220)

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Amendment # (for amendments only):

TEA Program Requirement 2: Describe how you will design at least one program of study that spans secondary and postsecondary education and includes an appropriate sequence of courses that are aligned with high-demand occupations identified by local regional workforce board. The program of study should build in rigor as students progress through high school. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point. Applicants applying for Focus Areas 1, 2, or 3 must address this question.

Currently, the Career Technical Education Program along with the Sabas Perez School for Engineering, School Leadership Team and Laredo Community College are in the process of developing a Testing Site/Licensed Instructor under Focus Area 4 in Electrical and Welding Trades. This strategy will lead to dual-credit and a one semester Certification program in Electrical and/or Welding that is included in our plan under Focus Area 4 in our offered Career

Cluster Pathways.

The development of a Testing Site/Licensed Instructor development strategy under Focus Area 4 in Electrical and Welding Trades spans secondary and postsecondary education and includes an appropriate sequence of courses that are aligned with high-demand occupations identified by local regional workforce board. The Electrical and Welding Trades program of study will build in rigor as students progress through high school and complement our current Career Cluster Pathways as described on page 17.

The Testing Site/Licensed Instructor development strategy under Focus Area 4 in Electrical and Welding Trades will allow for the enhancement, expansion, and growth of the current course offerings and this funding opportunity will now allow us to enhance and add this new component to our Career Clusters Pathways to provide an even greater

opportunity for our students to transition from secondary to postsecondary educational programs.

Monitoring of the Testing Site/Licensed Instructor development strategy under Focus Area 4 in Electrical and Welding Trades will be on an on-going basis to solicit feedback on instructor certification programs and students' progress, fidelity to the plan and timeline, and to provide support as needed. Meetings will include teachers, campus administrator/facilitator, teacher-aides, counselor, support staff, our partner organization Laredo Community College (LCC) and our industry partners (Quality Air and Electrical, Airgas, and Laredo Discount Metals). Data will be collected in order to show the extent to which the Testing Site/Licensed Instructor development strategy under Focus Area 4 in Electrical and Welding Trades activities were implemented as planned to include process, product, and program outcomes under Focus Area 4 in our offered Career Cluster Pathways.

In addition, the Testing Site/Licensed Instructor development strategy under Focus Area 4 in Electrical and Welding Trades objectives include identified critical success factors (CSF's) to create situational awareness in key areas for targeted growth in Career Clusters Pathways under Focus Area 4 and will provide the specific career cluster resources needed for students to become successful and the program to have access and availability to the latest technologies, labor market, and career information complementing our structured plan under Focus Area 3.

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Amendment # (for amendments only):

TEA Program Requirement 3: Provide a sample crosswalk that identifies postsecondary coursework that would be required of a student in the program of study in order to complete a certificate or receive an associate's degree from the partnering general academic teaching institution(s) within two to three years of graduating from high school. The crosswalk may also demonstrate how the project can lead to a bachelor's degree. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Applicants applying for Focus Areas 1, 2, or 3 must address this question.

Key partnerships with Laredo Community College and Texas A&M International University are used to provide opportunities for our students to obtain dual credit, advanced placement (AP), certification, and degrees in high-demand occupations in key local and regional industry clusters. The Construction Trades Career Cluster Pathways is designed to enhance, expand and grow Laredo ISD's current course offerings and this funding opportunity will now allow us to enhance and add a Testing Site/Licensed Instructor under Focus Area 4 in Electrical and Welding Trades to our Career Cluster Pathways under Focus Area 4.

The Career Technical Education Program, School Leadership Team, Educational and Industry Partners developed a crosswalk that identifies postsecondary coursework required for students in the Construction Trades Career Cluster Pathways specifically in Electrical and Welding Trades in order to complete a certificate that also provides opportunity for students to receive an associate's degree or continue in transition to a four year bachelor degree. This sample crosswalk also demonstrates how the Career Cluster Pathways Testing Site/Licensed Instructor development strategy under Focus Area 4 in Electrical and Welding Trades that can lead to a student receiving an Associate's or Bachelor's degree as well providing an even greater opportunity for our students to transition from secondary to postsecondary educational programs.

### Crosswalk

Program of Study	High School	College Credit	Certification	Degree
	Course			
Construction Trades	Electrical Technology I	ELPT 1321 Intro to Electrical Safety & Tools	Electrician Helper 1 Certificate	Associate in Arts
(47-1011)	Electrical Technology II	ELPT 1325 National Electrical Code	Electrician Helper 1 Certificate	Associate in Science or
Electrician	AC/DC Electronics	ELPT 1311 Basic Electrical Theory	Electrician Helper 1 Certificate	Associate in Applied Arts and
<u>(47-2110)</u>	Construction Technology I	RBPT 2345 Onsite Power Generation & Renewable Energy	Electrician Helper 1 Certificate	ScienceDegree or
	(Capstone)  Construction	ELPT 1429 Residential Wiring	Electrician Helper 1 Certificate	Bachelor in Arts or Bachelor in
2004	Technology II Principles of	WLDG 1425 Intro to	Welding Certificate	Science Degree Associate in Arts
Welders, Cutters, Solderers, and	Manufacturing (Articulated)	Oxy-Fuel Welding & Cutting		Associate in Science or
<u>Brazers</u> (47-2152)	Precision Metal Manufacturing I(Articulated)	WLDG 1428 Intro to SMAW	Welding Certificate	Associate in Applied Arts and
and Structural Iron and	Advanced Precision Metal Manufacturing II	WLDG 1407 Intro Welding using Multiple	Welding Certificate	ScienceDegree or Bachelor in Arts
Steel Workers (47-2220)	(Capstone) Metal Fabrication and	Processes WLDG 1417 Intro to Layout and Fabrication	Welding Certificate	or Bachelor in
	Machining I			Science Degree

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Schedule #17—Response	es to TEA Program Requirements (cont.)
County-district number or vendor ID: 240901	Amendment # (for amendments only): organizations that will help carry out the grant. Response is limited to haller than 10 point. Applicants applying for Focus Areas 1, 2, or
Laredo ISD and the Career Technical Educal educational and business partners; Laredo Commisouth Texas Workforce Commission in providing contigh-demand occupations in key local and regional equipment of actives to achieve program objectives	ation Program are committed to continue to collaborate with our nunity College (LCC), Texas A&M International University, and the partinued additional dual-enrollment, AP, degrees and certifications in industry clusters beyond the grant program in order to continue to an an additional state of the provides an even greater opportunity for our econdary educational programs with the inclusion of a Testing or Focus Area 4 in Electrical and Welding Trades.
	e industry partner that will assist with curriculum development to for students participating in the program. Response is limited to maller than 10 point. Applicants applying for Focus Areas 1, 2, or
Our industry partners (Quality Air and Electric	cal, Airgas, and Laredo Discount Metals) will assist with curriculur stry experiences for students participating in the Testing Site/License 4 in Electrical and Welding Trades
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RFA #701-17-103; SAS #269-18 2017-2018 Perkins Reserve Grant

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County-district number or vendor ID: 240901

Amendment # (for amendments only):

TEA Program Requirement 6: Propose a sustainability plan to ensure that the school(s) will continue to meet the goals of the grant program after the end of the grant program. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Applicants applying for Focus Areas 1, 2, or 3 must address this question.

The Career Technical Education Program implementation, design and program evaluation of the sustainability plan is designed to provide necessary feedback to build capacity and support rigorous professional certification and site

testing standards for Focus Area 4 in our offered Career Cluster Pathways.

The sustainability plan will also provide a mechanism of higher accountability for teachers, and a coherent sustained leadership program that fosters a synergetic educational environment that emanates academic excellence and transforms the school culture. The Laredo ISD, Career Technical Education Program, School Leadership Team, The Sabas Perez School for Engineering, Laredo Community College (LCC), Texas A&M International University (TAMIU) and our Industry Partners (Quality Air and Electrical, Airgas, and Laredo Discount Metals) have designed a strong sustainability plan to ensure that the program will continue to meet the goals of the Construction Trades program activities implemented as planned to include process, product, and program outcomes under Focus Area 4 in our offered Career Cluster Pathways.

Our commitment and focus on academic excellence allows for our under-served and economically disadvantaged community to embrace challenges as opportunities to achieve and maintain high academic standards through best practices and embedding technological innovations in the classroom that inspire a rich and productive learning environment regardless of the socio-economic backgrounds of our student population. Laredo ISD's Sabas Perez School for Engineering has the capacity to sustain the Career Clusters under Focus Area 4 after the grant funding

period ends.

Research indicates that there are five crucial conditions described that create positive and high performing changes that will help drive the management plan and build capacity to sustain the Career Clusters Pathways under Focus Area 4 that include: a) a relevant focus; b) apply a top-down approach; c) leadership commitment; d) comprehensive

involvement; e) external coaches (Juechter, Fisher, & Alford, 1998; Harris and Lambert, 2003).

The Testing Site/Licensed Instructor development strategy under Focus Area 4 in Electrical and Welding Trades is designed to enhance, expand, grow and sustain Laredo ISD's current course offerings and this funding opportunity will now allow us to enhance and add this new pathway to our Career Clusters under Focus Area 4 that provides an evern greater opportunity for our students to transition from secondary to postsecondary educational programs and obtain industry certification in high demand, high wage occupations in our local and regional areas.

This sustainability plan is aligned to the marketable skills identified in high wage, high-demand occupations, Texas Accountability Intervention System (TAIS), state standards, district goals, instructional pedagogies, school improvement

initiatives, program-specific provisions, assurances, and statutory requirements.

The results of our sustainability plan creates a student centered learning environment and provides increased opportunities and enhanced programs of study, students will increase academic and technical knowledge and skills linking specific career cluster resources with district efforts to implement, expand, and sustain our commitment to coordinating and building upon current educational and industrial partnerships that support building capacity for implementing a sustained Career and Technical Education Program Career Cluster Pathways under Focus Area 4 that target our state, regional, and local high-demand, high wage occupations.

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Amendment # (for amendments only):

TEA Program Requirement 7: List capstone industry certifications and programs of study that were identified in partnership with postsecondary, industry, or other LEAs. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Applicants applying for Focus Area 4 must address this question.

The capstone industry certifications and programs of study are identified in partnership with our CareerTechnical Education Program, School Leadership Team, The Sabas Perez School for Engineering, Laredo Community College (LCC), Texas A&M International University (TAMIU) and our Industry Partners: Quality Air and Electrical, Airgas, and Laredo Discount Metals.

The capstone industry certifications and programs of study having a Testing Site/Licensed Instructor under Focus Area 4 in Electrical and Welding Trades will provide opportunities for our students to obtain dual credit, advanced placement (AP), certification, and degrees in high-demand, high wage occupations in key local and regional industry clusters providing greater opportunities for our students to transition from secondary to postsecondary educational programs.

**Capstone Coursework** 

Program of Study	High School	College Credit	Certification	Degree	
Construction	Course	Associate in Arts			
Trades (47-1011)	Const	Construction Technology II - High School			
Electrician	ELPT 1	429 Residential Wiring - D	ual Credit	Science or Associate in Applied Arts and	
(47-2110)	E	Electrician Helper 1 - Certificate			
				or Dechaloria Arto	
				Bachelor in Arts or	
				Bachelor in	
				Science Degree Associate in Arts	
Welders, Cutters,		(Capstone)			
Solderers, and Brazers	Metal Fa	brication and Machining I -	Science or		
(47-2152)	WLDG 1417	Intro to Layout and Fabricat	tion – Dual Credit	Associate in Applied Arts and	
and		Welding - Certificate		ScienceDegree or	
Structural Iron and				Bachelor in Arts	
Steel Workers				ог	
(47-2220)				Bachelor in	
				Science Degree	

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County-district number or vendor ID: 240901

Amendment # (for amendments only):

**TEA Program Requirement 8:** Explain how the awarding of a Perkins Reserve Grant will complement the existing CTE program. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Applicants applying for Focus Area 4 must address this question.

The designed Testing Site/Licensed Instructor under Focus Area 4 in Electrical and Welding Trades will complement the existing Career Technical Education program that is aligned to the marketable skills as identified in our areas high wage, high-demand occupations, Texas Accountability Intervention System (TAIS), state standards, district goals, instructional pedagogies, school improvement initiatives, program-specific provisions, assurances, and statutory requirements. Laredo ISD has long sought opportunities that increase student preparedness to become college and career ready by addressing both current and future local and regional workforce needs.

These key partnerships with our CareerTechnical Education Program, School Leadership Team, The Sabas Perez School for Engineering, Laredo Community College (LCC), Texas A&M International University (TAMIU) and our Industry Partners: Quality Air and Electrical, Airgas, and Laredo Discount Metals provides opportunities for our students to obtain dual credit, advanced placement (AP), certification, interships/externships, and post secondary degrees in high-demand occupations in key local and regional industry clusters that provides an even greater opportunity for our students to transition from secondary to postsecondary educational programs.

Testing Site/Licensed Instructor under Focus Area 4 in Electrical and Welding Trades is designed to enhance, expand, grow and sustain Laredo ISD's current course offerings and this funding opportunity will now allow us to enhance and add this new pathway to our Career Clusters under Focus Area 4 that provides an evern greater

opportunity for our students to transition from secondary to postsecondary educational programs.

Testing Site/Licensed Instructor under Focus Area 4 in Electrical and Welding Trades leads to dual-credit and a one semester Certification program in Electrical and Welding Trades that is included in our plan under Focus Area 4 in our offered Career Cluster Pathways that spans secondary and postsecondary education and includes an appropriate sequence of courses that are aligned with high-demand occupations identified by local regional workforce board that compliments our existing Career Technical Education Program. The Electrical and Welding Trades program includes the Testing Site/Licensed Instructor under Focus Area 4 that will build in rigor as students progress through high school and complement and sustain our current Career Cluster Pathways as described on page 17.

Our educators are passionate and have a strong desire to Helping our students to become college and career ready while supporting them in their completion of certificates and degrees. Increasing teacher effectiveness in industry standards and expanding teacher capacity and incorporating resources to achieve higher student expectations have been a key part of our core strategy using resources allocated and applying the targeted funding to address specific rigorous, transparent, and equitable **Career Clusters** that are critical to the state and local economies under **Focus** 

Area 4.

The results of our Testing Site/Licensed Instructor under Focus Area 4 in Electrical and Welding Trades creates a student centered learning environment and provides increased opportunities and enhanced programs of study, students will increase academic and technical knowledge and skills linking specific career cluster resources with district efforts to implement, expand, sustain and compliment our commitment to coordinating and building upon current educational and industrial partnerships that support building capacity for implementing a sustained Career and Technical Education Program Career Cluster Pathways under Focus Area 4 that target our state, regional, and local high-demand, high wage occupations.

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	Schedule #18—Equitable Access and Participat	ion		
County-	District Number or Vendor ID: 240901 Amendment n	umber (for a	mendments o	nly):
No Bar	riers	Out to t	Tasabara	Others
#	No Barriers	Students	Teachers	
000	The applicant assures that no barriers exist to equitable access and participation for any groups			
Barrier	: Gender-Specific Bias		Tanahasa	Others
#	Strategies for Gender-Specific Bias	Students	Teachers	
A01	Expand opportunities for historically underrepresented groups to fully participate			
A02	Provide staff development on eliminating gender bias			
A03	Ensure strategies and materials used with students do not promote gender bias			
A04	Develop and implement a plan to eliminate existing discrimination and the effects of past discrimination on the basis of gender			
A05	Ensure compliance with the requirements in Title IX of the Education Amendments of 1972, which prohibits discrimination on the basis of gender			
A06	Ensure students and parents are fully informed of their rights and responsibilities with regard to participation in the program			
A99	Other (specify)			
	r: Cultural, Linguistic, or Economic Diversity		participal in	
#	Strategies for Cultural, Linguistic, or Economic Diversity	Students	Teachers	Others
 B01	Provide program information/materials in home language			
B02	Provide interpreter/translator at program activities			
B03	Increase awareness and appreciation of cultural and linguistic diversity through a variety of activities, publications, etc.			
B04	Communicate to students, teachers, and other program beneficiaries an appreciation of students' and families' linguistic and cultural backgrounds			
B05	Develop/maintain community involvement/participation in program activities			
B06	Provide staff development on effective teaching strategies for diverse populations			
B07	Ensure staff development is sensitive to cultural and linguistic differences and communicates an appreciation for diversity			
B08	Seek technical assistance from education service center, technical assistance center, Title I, Part A school support team, or other provider			
B09	Provide parenting training			
B10	Provide a parent/family center			
B11	Involve parents from a variety of backgrounds in decision making			

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11/2/35	Schedule #18—Equitable Access and Participation (cont.)					
	-District Number or Vendor ID: 240901 Amendment n	umber (for a	mendments o	nly):		
Barrier	: Cultural, Linguistic, or Economic Diversity (cont.)		JILTI.			
#	Strategies for Cultural, Linguistic, or Economic Diversity	Students	Teachers	Others		
B12	Offer "flexible" opportunities for parent involvement including home learning activities and other activities that don't require parents to come to the school					
B13	Provide child care for parents participating in school activities					
B14	Acknowledge and include family members' diverse skills, talents, and knowledge in school activities					
B15	Provide adult education, including high school equivalency (HSE) and/or ESL classes, or family literacy program					
B16	Offer computer literacy courses for parents and other program beneficiaries					
B17	Conduct an outreach program for traditionally "hard to reach" parents					
B18	Coordinate with community centers/programs					
B19	Seek collaboration/assistance from business, industry, or institutions of higher education					
B20	Develop and implement a plan to eliminate existing discrimination and the effects of past discrimination on the basis of race, national origin, and color					
B21	Ensure compliance with the requirements in Title VI of the Civil Rights Act of 1964, which prohibits discrimination on the basis of race, national origin, and color					
B22	Ensure students, teachers, and other program beneficiaries are informed of their rights and responsibilities with regard to participation in the program					
B23	Provide mediation training on a regular basis to assist in resolving disputes and complaints					
B99	Other (specify)					
Barrie	r: Gang-Related Activities		The state of			
#	Strategies for Gang-Related Activities	Students	Teachers	Others		
C01	Provide early intervention					
C02	Provide counseling					
C03	Conduct home visits by staff					
C04	Provide flexibility in scheduling activities					
C05	Recruit volunteers to assist in promoting gang-free communities					
C06	Provide mentor program					
C07	Provide before/after school recreational, instructional, cultural, or artistic programs/activities					

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	Schedule #18—Equitable Access an	d Participation	(cont.)		
County-	-District Number or Vendor ID: 240901	Amendment n	umber (for a	mendments or	nly):
3arrier	: Gang-Related Activities (cont.)		3-1-1-1		011
#	Strategies for Gang-Related Activities		Students	Teachers	Others
C08	Provide community service programs/activities				
C09	Conduct parent/teacher conferences				
C10	Strengthen school/parent compacts				
C11	Establish collaborations with law enforcement agencies				
C12	Provide conflict resolution/peer mediation strategies/progra	ms			
C13	Seek collaboration/assistance from business, industry, or in higher education				
C14	Provide training/information to teachers, school staff, and p with gang-related issues	arents to deal			
C99	Other (specify)				
Barrie	r: Drug-Related Activities	5.2			Others
#	Strategies for Drug-Related Activities		Students	Teachers	
D01	Provide early identification/intervention				
D02	Provide counseling				
D03	3 Conduct home visits by staff				
D04	Recruit volunteers to assist in promoting drug-free schools and				
D05					
D06	Provide before/after school recreational, instructional, cultuprograms/activities	ıral, or artistic			
D07	Provide community service programs/activities				
D08	Provide comprehensive health education programs				
D09	Conduct parent/teacher conferences				
D10	Establish school/parent compacts				
D11	Develop/maintain community collaborations				
D12	Provide conflict resolution/peer mediation strategies/progr	ams			
D13	Seek collaboration/assistance from business, industry, or higher education				
D14	Provide training/information to teachers, school staff, and with drug-related issues	parents to deal			
D99	Other (specify)				
	er: Visual Impairments				
#	Strategies for Visual Impairments		Students	Teachers	Others
E01	Provide early identification and intervention				
E02	Provide program materials/information in Braille				
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	Schedule #18—Equitable Access and Pa	rticipation (cont.)		
County-District Number or Vendor ID: 240901 Amendment number (for amendments only):				
Barrie	r: Visual Impairments			
#	Strategies for Visual Impairments	Students	Teachers	Others
E03	Provide program materials/information in large type			
E04	Provide program materials/information in digital/audio formats			
E05	Provide staff development on effective teaching strategies for visimpairment			
E06	Provide training for parents			
E07	Format materials/information published on the internet for ADA accessibility			
E99	Other (specify)			
Barrie	r: Hearing Impairments			
#	Strategies for Hearing Impairments			· <u> </u>
F01	Provide early identification and intervention			
F02	Provide interpreters at program activities			
F03	Provide captioned video material			
F04	Provide program materials and information in visual format			
F05	Use communication technology, such as TDD/relay			
F06	Provide staff development on effective teaching strategies for he impairment	earing		
F07	Provide training for parents			
F99	Other (specify)			
Barrie	r: Learning Disabilities			
#	Strategies for Learning Disabilities	Students	Teachers	Others
G01	Provide early identification and intervention			
G02	Expand tutorial/mentor programs			
G03	Provide staff development in identification practices and effectiv teaching strategies	e 🗆		
G04	Provide training for parents in early identification and intervention	n		
G99	Other (specify)			
Barrie	er: Other Physical Disabilities or Constraints		engos de la Assa	
#	Strategies for Other Physical Disabilities or Constrain	nts Students	Teachers	Others
H01	Develop and implement a plan to achieve full participation by studies with other physical disabilities or constraints			
H02	Provide staff development on effective teaching strategies			
H03	Provide training for parents			
H99	Other (specify)			

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Schedule #18—Equitable Access and Participation (cont.)							
County-District Number or Vendor ID: 240901 Amendment number (for amendments only):							
Barrie	Barrier: Inaccessible Physical Structures						
#	Strategies for Inaccessible Physical Structures	Students	Teachers	Others			
J01	Develop and implement a plan to achieve full participation by students with other physical disabilities/constraints						
J02	Ensure all physical structures are accessible						
199	Other (specify)						
Barrie	r: Absenteeism/Truancy						
#	Strategies for Absenteeism/Truancy	Students	Teachers	Others			
K01	Provide early identification/intervention						
K02	Develop and implement a truancy intervention plan						
K03	Conduct home visits by staff						
K04	Recruit volunteers to assist in promoting school attendance						
K05	Provide mentor program						
K06	Provide before/after school recreational or educational activities						
K07	Conduct parent/teacher conferences						
K08	Strengthen school/parent compacts						
K09	Develop/maintain community collaborations						
K10	Coordinate with health and social services agencies						
K11	Coordinate with the juvenile justice system						
K12	Seek collaboration/assistance from business, industry, or institutions of higher education						
K99	Other (specify)						
Barrie	r: High Mobility Rates						
#	Strategies for High Mobility Rates	Students	Teachers	Others			
L01	Coordinate with social services agencies						
L02	Establish collaborations with parents of highly mobile families						
L03	Establish/maintain timely record transfer system						
L99	Other (specify)						
Barrier	: Lack of Support from Parents		-480	21.424			
#	Strategies for Lack of Support from Parents	Students	Teachers	Others			
M01	Develop and implement a plan to increase support from parents						
M02	Conduct home visits by staff						
Control District	0.000						

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	Schedule #18—Equitable Access and Participation			
County-District Number or Vendor ID: 240901 Amendment number (for amendments only):				
Barrier	: Lack of Support from Parents (cont.)		T 1	Others
#	Strategies for Lack of Support from Parents	Students	Teachers	Others
M03	Recruit volunteers to actively participate in school activities			
M04	Conduct parent/teacher conferences			
M05	Establish school/parent compacts			
M06	Provide parenting training			
M07	Provide a parent/family center			
M08	Provide program materials/information in home language			
M09	Involve parents from a variety of backgrounds in school decision making			
M10	Offer "flexible" opportunities for involvement, including home learning activities and other activities that don't require coming to school			
M11	Provide child care for parents participating in school activities			
M12	Acknowledge and include family members' diverse skills, talents, and knowledge in school activities			
M13	Provide adult education, including HSE and/or ESL classes, or family literacy program			
M14	Conduct an outreach program for traditionally "hard to reach" parents			
M15	Facilitate school health advisory councils four times a year			
M99	M99 Other (specify)			
Barrie	r: Shortage of Qualified Personnel			14.50
#	Strategies for Shortage of Qualified Personnel	Students	Teachers	Others
N01	Develop and implement a plan to recruit and retain qualified personnel			
N02	Recruit and retain personnel from a variety of racial, ethnic, and language minority groups			
N03	Provide mentor program for new personnel			
N04	Provide intern program for new personnel			
N05	Provide an induction program for new personnel			
N06	Provide professional development in a variety of formats for personnel			
N07	Collaborate with colleges/universities with teacher preparation programs			
N99	Other (specify)			
Barrie	er: Lack of Knowledge Regarding Program Benefits		0.00	
#	Strategies for Lack of Knowledge Regarding Program Benefits	Students	Teachers	Others
P01	Develop and implement a plan to inform program beneficiaries of program activities and benefits			
P02	Publish newsletter/brochures to inform program beneficiaries of activities and benefits			

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	Schedule #18—Equitable Access	and Participation	(cont.)			
County-District Number or Vendor ID: 240901 Amendment number (for amendments only):						
Barrier: Lack of Knowledge Regarding Program Benefits (cont.)						
#	Strategies for Lack of Knowledge Regarding Progr		Students	Teachers	Others	
P03	Provide announcements to local radio stations, newspapers, and appropriate electronic media about program activities/benefits					
P99	Other (specify)					
Barrie	er: Lack of Transportation to Program Activities		and Warry	South nile III	SUSPENIES THE	
#	Strategies for Lack of Transportation		Students	Teachers	Others	
Q01	Provide transportation for parents and other program beneativities					
Q02	Offer "flexible" opportunities for involvement, including hor activities and other activities that don't require coming to s	chool				
Q03	Conduct program activities in community centers and othe locations	er neighborhood				
Q99	Other (specify)					
Barrie	r: Other Barriers					
#	Strategies for Other Barriers		Students	Teachers	Others	
Z99	Other barrier					
200	Other strategy					
Z99	Other barrier		П			
200	Other strategy					
Z99	Other barrier					
	Other strategy					
Z99	Other barrier	300				
	Other strategy	1207				
Z99	Other barrier					
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